PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Title	Low Emission Diesel Combustion Sys Low Charge-Air Oxygen Concentration
First Inventor	Charles L. Gray, Jr.
Circle Income	Charles I Com To
Attorney Docket No.	EPA 679-03

See MPEP cl	APPLICATION ELEMENTS hapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450		
2.	ed arrangement set forth below) iptive title of the invention Reference to Related Applications nent Regarding Fed sponsored R & D ance to sequence listing, a table, computer program listing appendix round of the Invention Description of the Drawings (if filed) and Description (s) ict of the Disclosure  ag(s) (35 U.S.C. 113) [Total Sheets]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other:		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:				
Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/241, 229  Prior application information: Examiner Tries, Thai Ba Art Unit: 3748  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an eath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPONDENCE ADDRESS				
Custom	er Number:	OR Correspondence address below		
Name	David H. Read			
Address	2565 Plymouth Road			
City	Ann Arbor	State Michigan Zip Code 48105		
Country	usA 7	elephone (734)214-4367 Fax (734)214-4573		
Name (Print/Typ	David H. Read	Registration No. (Attorney/Agent) 47,888		
Signature	David Fear	Date Sept. 18, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003

(\$)

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** 

C mplete if Known					
Application Number					
Filing Date					
First Named Inventor	Charles L. Gray, Jr.				
Examiner Name					
Art Unit					
Attorney Docket No.	EPA-679-03				

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES				
Deposit Account:	<u>Large</u>		Small	Entity		
Donosit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account 051128	1051	130	2051	• • •	Surcharge - late filing fee or oath	reeraiu
Deposit Account U.S. Environmental Protection Agency	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name		130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply)		2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments  Charge any additional fee(s) during the pendency of this application		920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee		1,840*	1805	1 840*	Requesting publication of SIR after	
to the above-identified deposit account.		.,0.0		.,010	Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month	
4004 750 1004 275	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Outlity hiring fee 750	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750		110	2452	55	Petition to revive - unavoidable	
		1,300	2453	650	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2501	650	Utility issue fee (or reissue)	
Total Claims		470	2502	235	Design issue fee	
		630	2503	315	Plant issue fee	
		130	1460	130	Petitions to the Commissioner	
		50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity Fee Fee   Fee Fee Fee Description		180	1806		Submission of Information Disclosure Stmt	<b></b>
Code (\$) Code (\$)	8021	40	802 <sup>-</sup>	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
<u> </u>		Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY (Complete (if applicable)) Registration No. David H. Read Name (Print/Type) Telephone 888 734)214-4367 Date Sept. 18, 2003 Signature

WARNING: Information on this form may bec me public. Credit card information hould n t be included on this form. Provide credit card information and auth rization on PTO-2038.

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## Certificate of Express Mailing – 37 C.F.R. sec. 1.10

"Express Mail" mailing label number:	R572345526 US	
Date of Deposit: <u>September 19, 2003</u>	\$	
I hereby certify that this paper is being Service "Express Mail Post Office to Address date indicated above and is addressed to the Washington, D.C. 20231.	ssee" service under 37 C.F.R. sec.	1.10 on the
	David H. Read	J2313-1450
	David Hear	$Q_{\perp}$